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OM protein - protein search, using sw model

Run on: February 20, 2003, 10:19:04 ; Search time 5.32584 Seconds  
(without alignments)  
33.147 Million cell updates/sec

Title: US-09-778-026-29

Perfect score: 28 SHAVS 6

Sequence: 1 SHAVS 6

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents, AA:\*

- 1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep:\*
- 2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep:\*
- 3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep:\*
- 4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep:\*
- 5: /cgn2\_6/ptodata/1/1aa/PTOS.COMB.pep:\*
- 6: /cgn2\_6/ptodata/1/1aa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	28	100.0	6	3	US-08-893-534A-45
2	28	100.0	6	4	US-08-896-679-45
3	28	100.0	6	4	US-08-939-853A-29
4	28	100.0	6	4	US-09-115-395-49
5	28	100.0	6	4	US-09-507-102-45
6	28	100.0	6	4	US-09-250-059-46
7	28	100.0	6	4	US-09-248-074-46
8	28	100.0	6	4	US-09-187-859-59
9	28	100.0	6	4	US-09-357-717-29
10	28	100.0	6	4	US-09-305-927-30
11	28	100.0	6	4	US-09-458-870-46
12	28	100.0	6	3	US-08-893-534A-18
13	28	100.0	8	3	US-08-893-534A-46
14	28	100.0	8	4	US-08-996-679-18
15	28	100.0	8	4	US-08-996-679-46
16	28	100.0	8	4	US-09-115-395-43
17	28	100.0	8	4	US-09-115-395-76
18	28	100.0	8	4	US-09-507-102-18
19	28	100.0	8	4	US-09-507-102-46
20	28	100.0	8	4	US-09-250-059-42
21	28	100.0	8	4	US-09-250-059-48
22	28	100.0	8	4	US-09-248-074-42
23	28	100.0	8	4	US-09-248-074-48
24	28	100.0	8	4	US-09-357-717-27
25	28	100.0	8	4	US-09-357-717-30
26	28	100.0	8	4	US-09-458-870-42
27	28	100.0	8	4	US-09-458-870-48

28	28	100.0	9	3	US-08-893-534A-31	Sequence 31, Appl
29	28	100.0	9	3	US-08-893-534A-32	Sequence 32, Appl
30	28	100.0	9	4	US-08-996-679-31	Sequence 31, Appl
31	28	100.0	9	4	US-08-996-679-32	Sequence 32, Appl
32	28	100.0	9	4	US-09-115-395-47	Sequence 47, Appl
33	28	100.0	9	4	US-09-115-395-48	Sequence 48, Appl
34	28	100.0	9	4	US-09-507-102-31	Sequence 31, Appl
35	28	100.0	9	4	US-09-507-102-32	Sequence 32, Appl
36	28	100.0	9	4	US-09-250-059-71	Sequence 71, Appl
37	28	100.0	9	4	US-09-250-059-72	Sequence 72, Appl
38	28	100.0	9	4	US-09-248-074-71	Sequence 71, Appl
39	28	100.0	9	4	US-09-248-074-72	Sequence 72, Appl
40	28	100.0	9	4	US-09-357-717-50	Sequence 50, Appl
41	28	100.0	9	4	US-09-357-717-51	Sequence 51, Appl
42	28	100.0	9	4	US-09-458-870-71	Sequence 71, Appl
43	28	100.0	9	4	US-09-458-870-72	Sequence 72, Appl
44	28	100.0	10	3	US-08-893-534A-30	Sequence 30, Appl
45	28	100.0	10	3	US-09-222-373-39	Sequence 39, Appl

## ALIGNMENTS

RESULT 1  
US-08-893-534A-45  
Sequence 45, Application US/08893534A  
Patent No. 6031072  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
NUMBER OF INVENTIONS: 47  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
City: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/893,534A  
FILING DATE: 11-Jun-1997  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 100086,401  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
US-08-893-534A-45

Query Match 100.0%; Score 28; DB 3; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6  
DB 1 SHAVS 6

RESULT 2  
US-08-996-679-45  
Sequence 45, Application US/08996679  
Patent No. 6169071  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/996,679  
FILING DATE: 23-DEC-1997  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 100086.401C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
US-08-996-679-45  
Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 SHAVSS 6  
DB 1 SHAVSS 6  
RESULT 3  
US-08-939-853A-29  
Sequence 29, Application US/08939853A  
Patent No. 6203748  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/939,853A  
FILING DATE: 29-SEP-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 32,391  
REFERENCE/DOCKET NUMBER: 100086.402  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: /note="Residue may be acetylated"  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: /note="Residue may be amidated"  
US-08-939-853A-29  
Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 SHAVSS 6  
DB 1 SHAVSS 6  
RESULT 4  
US-09-115-395-49  
Sequence 49, Application US/09115395A  
Patent No. 6207639  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NEURITE OUTGROWTH  
FILE REFERENCE: 100086.401C3  
CURRENT APPLICATION NUMBER: US/09/115,395A  
EARLIER FILING DATE: 1998-07-14  
EARLIER APPLICATION NUMBER: 08/996,679  
EARLIER FILING DATE: 1997-12-23  
EARLIER APPLICATION NUMBER: 08/893,534  
EARLIER FILING DATE: 1997-07-11  
EARLIER APPLICATION NUMBER: 60/021,612  
EARLIER FILING DATE: 1996-07-12  
NUMBER OF SEQ ID NOS: 77  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 49  
LENGTH: 6  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Solid Phase  
US-09-115-395-49  
Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 SHAVSS 6  
DB 1 SHAVSS 6

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RESULT 5
US-09-507-102-45
; Sequence 45, Application US/09507102
; Patent No. 6326352
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; GOUR, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
; CELL ADHESION
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED IP LAW GROUP PLLC
; STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,102
; FILING DATE: 17-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/893,534
; FILING DATE: 11-JUL-1997
; APPLICATION NUMBER: US 60/021,612
; FILING DATE: 12-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Christiansen, William T.
; REGISTRATION NUMBER: 44,614
; REFERENCE/DOCKET NUMBER: 100086.401C10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-507-102-45
Query Match 100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6
RESULT 6
US-09-250-059-46
; Sequence 46, Application US/09250059
; Patent No. 6333307
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; GOUR, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NEURITE OUTGROWTH
; FILE REFERENCE: 100086.401C6
; CURRENT APPLICATION NUMBER: US/09/250,059
; CURRENT FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 6
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TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclic
; OTHER INFORMATION: peptide with classical cadherin cell adhesion
; OTHER INFORMATION: recognition sequence
; FEATURE:
; OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
; OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
; OTHER INFORMATION: and/or C-terminal modifications such as amide or
; OTHER INFORMATION: ester group
US-09-250-059-46
Query Match 100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6
RESULT 7
US-09-248-074-46
; Sequence 46, Application US/09248074
; Patent No. 6346512
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; GOUR, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CELL ADHESION
; FILE REFERENCE: 100086.401C5
; CURRENT APPLICATION NUMBER: US/09/248,074
; CURRENT FILING DATE: 1999-02-10
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclic
; OTHER INFORMATION: peptide with classical cadherin cell adhesion
; OTHER INFORMATION: recognition sequence
; FEATURE:
; OTHER INFORMATION: Cyclic Peptide may comprise N-terminal
; OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group
; OTHER INFORMATION: and/or C-terminal modifications such as amide or
; OTHER INFORMATION: ester group
US-09-248-074-46
Query Match 100.0%; Score 28; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SHAVSS 6
DB 1 SHAVSS 6
RESULT 8
US-09-187-859-59
; Sequence 59, Application US/09187859A
; Patent No. 6358820
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; GOUR, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
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SEQ ID NO 59  
LENGTH: 6  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: Description of Unknown Organism: E-Cadherin Cell  
US-09-187-859-59

Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
Db 1 SHAVSS 6

RESULT 9  
US-09-357-717-29  
Sequence 29, Application US/09357717  
Patent No. 6417325  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR CANCER THERAPY  
FILE REFERENCE: 100086.401C7  
CURRENT FILING DATE: 1999-07-20  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 29  
LENGTH: 6  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Cyclic  
OTHER INFORMATION: peptide with classical cadherin cell adhesion  
OTHER INFORMATION: recognition sequence  
FEATURE:  
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal  
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group  
OTHER INFORMATION: and/or C-terminal modifications such as amide or  
OTHER INFORMATION: ester group  
US-09-357-717-29

Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
Db 1 SHAVSS 6

RESULT 10  
US-09-305-927-30  
Sequence 30, Application US/09305927  
Patent No. 6433149  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Byers, Stephen  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR INHIBITING  
FILE REFERENCE: 100086.407C5  
CURRENT FILING DATE: 1999-05-05  
NUMBER OF SEQ ID NOS: 319  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 30  
LENGTH: 6

TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: Classical cell adhesion recognition sequence  
US-09-305-927-30

Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
Db 1 SHAVSS 6

RESULT 11  
US-09-458-870-46  
Sequence 46, Application US/09458870  
Patent No. 6465427  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
APPLICANT: Fatookhi, Riaz  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CELL ADHESION  
FILE REFERENCE: 100086.401C8  
CURRENT FILING DATE: 1999-12-10  
NUMBER OF SEQ ID NOS: 101  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 46  
LENGTH: 6  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Cyclic  
OTHER INFORMATION: peptide with classical cadherin cell adhesion  
OTHER INFORMATION: recognition sequence  
FEATURE:  
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal  
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group  
OTHER INFORMATION: and/or C-terminal modifications such as amide or  
OTHER INFORMATION: ester group  
US-09-458-870-46

Query Match 100.0%; Score 28; DB 4; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
Db 1 SHAVSS 6

RESULT 12  
US-08-893-534A-18  
Sequence 18, Application US/08893534A  
Patent No. 6031072  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
NUMBER OF INVENTION: CELL ADHESION  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESS:  
ADDRESS: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/893,534A  
FILING DATE: 11-JUL-1997  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 100086,401  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
US-08-893-534A-18

Query Match 100.0%; Score 28; DB 3; Length 8;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SHAVS 6  
Db 2 SHAVS 7

RESULT 13  
US-08-893-534A-46  
Sequence 46, Application US/08893534A  
Patent No. 6031072  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
TITLE OF INVENTION: CELL ADHESION  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/893,534A  
FILING DATE: 11-JUL-1997  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 100086,401  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
US-08-893-534A-46

Query Match 100.0%; Score 28; DB 3; Length 8;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SHAVS 6  
Db 2 SHAVS 7

RESULT 14  
US-08-996-679-18  
Sequence 18, Application US/08996679  
Patent No. 6169071  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
TITLE OF INVENTION: CELL ADHESION  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/996,679  
FILING DATE: 23-DEC-1997  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 100086,401C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
US-08-996-679-18

Query Match 100.0%; Score 28; DB 4; Length 8;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SHAVS 6  
Db 2 SHAVS 7

RESULT 15  
US-08-996-679-46  
Sequence 46, Application US/08996679  
Patent No. 6169071  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
TITLE OF INVENTION: CELL ADHESION  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue  
City: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION NUMBER: US/08/996,679  
FILING DATE: 23-DEC-1997  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 100086.401C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
US-08-996-679-46

Query Match 100.0%; Score 28; DB 4; Length 8;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAYSS 6  
|||||  
Db 2 SHAYSS 7

Search completed: February 20, 2003, 10:28:23  
Job time : 5.32584 secs

GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: February 20, 2003, 10:14:48 ; Search time 3.50562 Seconds  
(without alignments)  
43.728 Million cell updates/sec

Title: US-09-778-026-29

Perfect score: 28

Sequence: 1 SHAVS 6

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 140259 seqs, 2554876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

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11: /cgn2\_6/ptodata/1/pubpaa/US10\_NEM\_PUB.pep.\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	28	100.0	6	9 US-09-264-516A-30	Sequence 30, Appl
2	28	100.0	6	9 US-09-769-145-46	Sequence 46, Appl
3	28	100.0	6	9 US-09-778-026-29	Sequence 29, Appl
4	28	100.0	6	12 US-10-006-982-45	Sequence 45, Appl
5	28	100.0	8	9 US-09-769-145-42	Sequence 42, Appl
6	28	100.0	8	9 US-09-769-145-48	Sequence 48, Appl
7	28	100.0	8	10 US-09-234-395-307	Sequence 307, App
8	28	100.0	8	10 US-09-234-395-314	Sequence 314, App
9	28	100.0	8	10 US-09-305-928-317	Sequence 307, App
10	28	100.0	8	10 US-09-305-928-314	Sequence 314, App
11	28	100.0	8	12 US-10-006-982-18	Sequence 18, Appl
12	28	100.0	8	12 US-10-006-982-46	Sequence 46, Appl
13	28	100.0	9	9 US-09-769-145-71	Sequence 71, Appl
14	28	100.0	9	9 US-09-769-145-72	Sequence 72, Appl
15	28	100.0	9	12 US-10-006-982-31	Sequence 31, Appl
16	28	100.0	9	12 US-10-006-982-32	Sequence 32, Appl
17	28	100.0	10	9 US-09-769-145-70	Sequence 26, Appl
18	28	100.0	10	9 US-09-185-908-26	Sequence 26, Appl
19	28	100.0	10	9 US-09-778-026-18	Sequence 18, Appl

20	28	100.0	10	9 US-09-778-026-19	Sequence 19, Appl
21	28	100.0	10	9 US-10-119-537-14	Sequence 14, Appl
22	28	100.0	10	12 US-10-006-982-30	Sequence 30, Appl
23	28	100.0	108	9 US-09-769-145-6	Sequence 6, Appl1
24	28	100.0	108	9 US-09-769-145-7	Sequence 7, Appl1
25	28	100.0	108	9 US-09-778-026-8	Sequence 8, Appl1
26	28	100.0	108	9 US-09-778-026-9	Sequence 9, Appl1
27	28	100.0	108	12 US-10-006-982-6	Sequence 6, Appl1
28	28	100.0	108	12 US-10-006-982-7	Sequence 7, Appl1
29	28	100.0	108	12 US-09-925-301-843	Sequence 843, App
30	28	100.0	416	9 US-09-742-580-2	Sequence 2, Appl1
31	28	100.0	416	9 US-09-742-581-2	Sequence 2, Appl1
32	28	100.0	416	10 US-09-742-582-2	Sequence 2, Appl1
33	28	100.0	878	9 US-10-165-048-2	Sequence 2, Appl1
34	28	100.0	878	9 US-10-165-048-3	Sequence 3, Appl1
35	28	100.0	878	10 US-09-905-983-48	Sequence 48, Appl
36	28	100.0	899	10 US-09-905-983-5	Sequence 5, Appl1
37	27	96.4	23	10 US-09-864-761-43685	Sequence 43685, A
38	25	89.3	43	10 US-09-764-847-788	Sequence 788, App
39	25	89.3	84	9 US-09-796-692-2369	Sequence 2369, App
40	25	89.3	238	10 US-09-982-736-2	Sequence 982, App
41	25	89.3	881	10 US-09-816-685-2	Sequence 2, Appl1
42	25	89.3	926	10 US-09-816-685-2	Sequence 2, Appl1
43	25	89.3	1277	10 US-09-969-362-3	Sequence 3, Appl1
44	24	85.7	5	9 US-09-769-145-73	Sequence 73, Appl
45	24	85.7	6	9 US-09-769-145-47	Sequence 47, Appl

## ALIGNMENTS

RESULT 1  
US-09-264-516A-30  
; Sequence 30, Application US/09264516A  
; Patent No. US20020169106A1  
; GENERAL INFORMATION:  
; APPLICANT: Blaschuk, Orest W.  
; APPLICANT: Byers, Stephen  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR INHIBITING  
; TITLE OF INVENTION: CANCER METASTASIS  
; FILE REFERENCE: 100086, 407C3  
; CURRENT APPLICATION NUMBER: US/09/264,516A  
; CURRENT FILING DATE: 1999-03-08  
; PRIOR APPLICATION NUMBER: 09/234,395  
; PRIOR FILING DATE: 1999-01-20  
; PRIOR APPLICATION NUMBER: 09/187,859  
; PRIOR FILING DATE: 1998-11-06  
; PRIOR APPLICATION NUMBER: 09/073,040  
; PRIOR FILING DATE: 1998-05-05  
; NUMBER OF SEQ ID NOS: 319  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 30  
; LENGTH: 6  
; TYPE: PRT  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Classical cell adhesion recognition sequence  
US-09-264-516A-30

Query Match 100.0%; Score 28; DB 9; Length 6;  
Best Local Similarity 100.0%; Pred No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6  
Db 1 SHAVS 6

RESULT 2  
US-09-769-145-46  
; Sequence 46, Application US/09769145  
; Patent No. US20020168761A1

GENERAL INFORMATION:  
APPLICANT: Gour, Barbara J.  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: All, Annmar  
APPLICANT: Ni, Feng  
APPLICANT: Chen, Zhigang  
APPLICANT: Michaud, Stephanie  
APPLICANT: Mang, Shoameng  
APPLICANT: Hu, Zengjian  
TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION  
FILE REFERENCE: 100086.413C1  
CURRENT APPLICATION NUMBER: US/09/778,145  
CURRENT FILING DATE: 2001-01-24  
PRIORITY APPLICATION NUMBER: US 09/491,078  
PRIORITY FILING DATE: 2000-01-24  
NUMBER OF SEQ ID NOS: 96  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 46  
LENGTH: 6  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Cyclic  
OTHER INFORMATION: peptide with classical cadherin cell adhesion  
OTHER INFORMATION: recognition sequence  
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal  
OTHER INFORMATION: modification such as acetyl or alkoxymethyl group  
OTHER INFORMATION: and/or C-terminal modifications such as amide or  
US-09-769-145-46

Query Match 100.0%; Score 28; DB 9; Length 6;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6  
Db 1 SHAVSS 6

RESULT 3  
US-09-778-026-29  
Sequence 29, Application US/09778026  
Publication No. US20030013655A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING  
CELL ADHESION  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/778,026  
FILING DATE: 05-Feb-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Makl, David J.  
REGISTRATION NUMBER: 32,391  
REFERENCE/DOCKET NUMBER: 100086.402  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 amino acids  
TYPE: amino acid  
STRANDEDNESS: <Unknown>  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: /note= "Residue may be acetylated"  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: /note= "Residue may be amidated"  
SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-09-778-026-29

Query Match 100.0%; Score 28; DB 9; Length 6;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6  
Db 1 SHAVSS 6

RESULT 4  
US-10-006-982-45  
Sequence 45, Application US/10006982  
Patent No. US20020151475A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
CELL ADHESION  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED IP LAW GROUP PLLC  
STREET: 6300 Bank of America Bldg., 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/006,982  
FILING DATE: 04-Dec-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Christiansen, William T.  
REGISTRATION NUMBER: 44,614  
REFERENCE/DOCKET NUMBER: 100086.401C11  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 amino acids  
TYPE: amino acid  
STRANDEDNESS: <Unknown>  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 45:  
US-10-006-982-45

Query Match 100.0%; Score 28; DB 12; Length 6;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



OY 1 SHAVSS 6  
DB 1 SHAVSS 6

RESULT 5

US-09-769-145-42  
Sequence 42, Application US/09769145  
Patent No. US20020168761A1  
GENERAL INFORMATION:  
APPLICANT: Gour, Barbara J.  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Ali, Ammar  
APPLICANT: Ni, Feng  
APPLICANT: Chen, Zhigang  
APPLICANT: Michaud, Stephanie  
APPLICANT: Wang, Shaocheng  
APPLICANT: Hu, Zengjian  
TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION  
FILE REFERENCE: 100086.413C1  
CURRENT APPLICATION NUMBER: US/09/769,145  
CURRENT FILING DATE: 2001-01-24  
PRIOR APPLICATION NUMBER: US 09/491,078  
NUMBER OF SEQ ID NOS: 96  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 42  
LENGTH: 8  
TYPE: PR1  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Cyclic  
OTHER INFORMATION: peptide with classical cadherin cell adhesion  
OTHER INFORMATION: recognition sequence  
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal  
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group  
OTHER INFORMATION: and/or C-terminal modifications such as amide or  
US-09-769-145-42

Query Match 100.0%; Score 28; DB 9; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
DB 2 SHAVSS 7

RESULT 6

US-09-769-145-48  
Sequence 48, Application US/09769145  
Patent No. US20020168761A1  
GENERAL INFORMATION:  
APPLICANT: Gour, Barbara J.  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Ali, Ammar  
APPLICANT: Ni, Feng  
APPLICANT: Chen, Zhigang  
APPLICANT: Michaud, Stephanie  
APPLICANT: Wang, Shaocheng  
APPLICANT: Hu, Zengjian  
TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION  
FILE REFERENCE: 100086.413C1  
CURRENT APPLICATION NUMBER: US/09/769,145  
CURRENT FILING DATE: 2001-01-24  
PRIOR APPLICATION NUMBER: US 09/491,078  
NUMBER OF SEQ ID NOS: 96  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 48  
LENGTH: 8  
TYPE: PR1  
ORGANISM: Artificial Sequence

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Cyclic  
OTHER INFORMATION: peptide with classical cadherin cell adhesion  
OTHER INFORMATION: recognition sequence  
OTHER INFORMATION: Cyclic Peptide may comprise N-terminal  
OTHER INFORMATION: modification such as acetyl or alkoxybenzyl group  
OTHER INFORMATION: and/or C-terminal modifications such as amide or  
US-09-769-145-48

Query Match 100.0%; Score 28; DB 9; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
DB 2 SHAVSS 7

RESULT 7

US-09-234-395-307  
Sequence 307, Application US/09234395  
Patent No. US20020123044A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Byers, Stephen  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER  
FILE REFERENCE: 100086.407C2  
CURRENT APPLICATION NUMBER: US/09/234,395  
CURRENT FILING DATE: 1999-01-20  
NUMBER OF SEQ ID NOS: 324  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 307  
LENGTH: 8  
TYPE: PR1  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Product of  
OTHER INFORMATION: Synthesis and Cyclization based on Human  
OTHER INFORMATION: N-Cadherin  
OTHER INFORMATION: Cyclic Peptide  
US-09-234-395-307

Query Match 100.0%; Score 28; DB 10; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 SHAVSS 6  
DB 2 SHAVSS 7

RESULT 8

US-09-234-395-314  
Sequence 314, Application US/09234395  
Patent No. US20020123044A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Byers, Stephen  
APPLICANT: Gour, Barbara J.  
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER  
FILE REFERENCE: 100086.407C2  
CURRENT APPLICATION NUMBER: US/09/234,395  
CURRENT FILING DATE: 1999-01-20  
NUMBER OF SEQ ID NOS: 324  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 314  
LENGTH: 8  
TYPE: PR1  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Product of  
OTHER INFORMATION: Synthesis and Cyclization based on Human  
OTHER INFORMATION: N-Cadherin  
FEATURE:  
OTHER INFORMATION: Cyclic Peptide  
US-09-234-395-314

Query Match 100.0%; Score 28; DB 10; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6  
Db 2 SHAVSS 7

RESULT 9  
US-09-305-928-307  
Sequence 307, Application US/09305928  
Patent No. US20020146687A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Byers, Stephen  
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER  
FILE REFERENCE: 100086.407C4  
CURRENT APPLICATION NUMBER: US/09/305,928  
CURRENT FILING DATE: 1999-05-05  
NUMBER OF SEQ ID NOS: 324  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 307  
LENGTH: 8  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Product of  
OTHER INFORMATION: Synthesis and Cyclization based on Human  
FEATURE:  
OTHER INFORMATION: N-Cadherin  
OTHER INFORMATION: Cyclic Peptide  
US-09-305-928-307

Query Match 100.0%; Score 28; DB 10; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6  
Db 2 SHAVSS 7

RESULT 10  
US-09-305-928-314  
Sequence 314, Application US/09305928  
Patent No. US20020146687A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
APPLICANT: Byers, Stephen  
TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER  
FILE REFERENCE: 100086.407C4  
CURRENT APPLICATION NUMBER: US/09/305,928  
CURRENT FILING DATE: 1999-05-05  
NUMBER OF SEQ ID NOS: 324  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 314  
LENGTH: 8  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Product of  
OTHER INFORMATION: Synthesis and Cyclization based on Human

OTHER INFORMATION: N-Cadherin  
FEATURE:  
OTHER INFORMATION: Cyclic Peptide  
US-09-305-928-314

Query Match 100.0%; Score 28; DB 10; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6  
Db 2 SHAVSS 7

RESULT 11  
US-10-006-982-18  
Sequence 18, Application US/10006982  
Patent No. US20020151475A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
CELL ADHESION  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED IP LAW GROUP PLLC  
STREET: 6300 Bank of America Bldg., 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/006,982  
FILING DATE: 04-Dec-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Christiansen, William T.  
REGISTRATION NUMBER: 44,614  
REFERENCE/DOCKET NUMBER: 100086.401C11  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS: <Unknown>  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
US-10-006-982-18

Query Match 100.0%; Score 28; DB 12; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVSS 6  
Db 2 SHAVSS 7

RESULT 12  
US-10-006-982-46  
Sequence 46, Application US/10006982  
Patent No. US20020151475A1  
GENERAL INFORMATION:  
APPLICANT: Blaschuk, Orest W.  
Gour, Barbara J.

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; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
; CELL ADHESION
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED IP LAW GROUP PLLC
; STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/006,982
; FILING DATE: 04-Dec-2001
; CLASSIFICATION: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Christensen, William T.
; REGISTRATION NUMBER: 44,614
; REFERENCE/DOCKET NUMBER: 100086.401C11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: <unknown>
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-10-006-982-46
Query Match      100.0%; Score 28; DB 12; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
Db 2 SHAVS 7

RESULT 13
US-09-769-145-71
; Sequence 71, Application US/09769145
; Patent No. US20020168761A1
; GENERAL INFORMATION:
; APPLICANT: Gour, Barbara J.
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: All, Anmar
; APPLICANT: Ni, Feng
; APPLICANT: Chen, Zhigang
; APPLICANT: Michaud, Stephanie
; APPLICANT: Wang, Shoemeng
; APPLICANT: Hu, Zengjian
; TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
; FILE REFERENCE: 100086.413C1
; CURRENT APPLICATION NUMBER: US/09/769,145
; CURRENT FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 09/491,078
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 71
; LENGTH: 9
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclic
; OTHER INFORMATION: peptide with classical cadherin cell adhesion
; OTHER INFORMATION: modification such as acetyl or alkoxycarbonyl group
; OTHER INFORMATION: ester group
; OTHER INFORMATION: where Xaa is
; OTHER INFORMATION: beta,beta-pentamethylene-beta-mercaptoproponic
; OTHER INFORMATION: acid
US-09-769-145-72
Query Match      100.0%; Score 28; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
Db 3 SHAVS 8

RESULT 15
US-10-006-982-31
; Sequence 31, Application US/10006982
; Patent No. US20020151475A1
; GENERAL INFORMATION:

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; OTHER INFORMATION: recognition sequence
; OTHER INFORMATION: Cyclic peptide may comprise N-terminal
; OTHER INFORMATION: modification such as acetyl or alkoxycarbonyl group
; OTHER INFORMATION: and/or C-terminal modifications such as amide or
; OTHER INFORMATION: ester group
; NAME/KEY: MOD_RES
; LOCATION: (1)
; OTHER INFORMATION: where Xaa is
; OTHER INFORMATION: beta,beta-pentamethylene-beta-mercaptoproponic
; OTHER INFORMATION: acid
US-09-769-145-71
Query Match      100.0%; Score 28; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
Db 3 SHAVS 8

RESULT 14
US-09-769-145-72
; Sequence 72, Application US/09769145
; Patent No. US20020168761A1
; GENERAL INFORMATION:
; APPLICANT: Gour, Barbara J.
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: All, Anmar
; APPLICANT: Ni, Feng
; APPLICANT: Chen, Zhigang
; APPLICANT: Michaud, Stephanie
; APPLICANT: Wang, Shoemeng
; APPLICANT: Hu, Zengjian
; TITLE OF INVENTION: PEPTIDOMIMETIC MODULATORS OF CELL ADHESION
; FILE REFERENCE: 100086.413C1
; CURRENT APPLICATION NUMBER: US/09/769,145
; CURRENT FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 09/491,078
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 72
; LENGTH: 9
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclic
; OTHER INFORMATION: peptide with classical cadherin cell adhesion
; OTHER INFORMATION: recognition sequence
; OTHER INFORMATION: modification such as acetyl or alkoxycarbonyl group
; OTHER INFORMATION: ester group
; NAME/KEY: MOD_RES
; LOCATION: (1)
; OTHER INFORMATION: where Xaa is
; OTHER INFORMATION: beta,beta-pentamethylene-beta-mercaptoproponic
; OTHER INFORMATION: acid
US-09-769-145-72
Query Match      100.0%; Score 28; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SHAVS 6
Db 3 SHAVS 8

RESULT 15
US-10-006-982-31
; Sequence 31, Application US/10006982
; Patent No. US20020151475A1
; GENERAL INFORMATION:

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APPLICANT: Blaschuk, Orest W.  
Gour, Barbara J.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING  
CELL ADHESION  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED IP LAW GROUP PLLC  
STREET: 6300 Bank of America Bldg., 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/10/006,982  
APPLICATION NUMBER: US/10/006,982  
FILING DATE: 04-Dec-2001  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Christiansen, William T.  
REGISTRATION NUMBER: 44,614  
REFERENCE/DOCKET NUMBER: 100086.401C11  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 9 amino acids  
TYPE: amino acid  
STRANDEDNESS: <unknown>  
TOPOLOGY: circular  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: /product- "OTHER"  
/note- "Residue is beta-mercaptopropionic acid"  
SEQUENCE DESCRIPTION: SEQ ID NO: 31:  
US-10-006-982-31  
Query Match 100.0%; Score 28; DB 12; Length 9;  
Best local Similarity 100.0%; Pred. No. 1.2e+05;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 SHAVSS 6  
|11111|  
DB 3 SHAVSS 8

Search completed: February 20, 2003, 10:26:55  
Job time : 3.50562 secs